



Sheet 1 of 1

FORM PTO-1449  <b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO.	APPLICATION NO.
	1594.1272	10/644,937
	FIRST NAMED INVENTOR	
	Jae Seung LEE, et al.	
	FILING DATE	GROUP ART UNIT
	August 21, 2003	3744

**U.S. PATENT DOCUMENTS**


*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
2st	AA	1,543,349	06/1925	Walker			
2st	AB	1,685,248	09/1928	Strufe			
2st	AC	1,761,040	06/1930	Hull			
2st	AD	1,780,425	11/1930	Hull			
2st	AE	4,638,644	01/1987	Gidseg			
2st	AF	4,714,304	12/1987	Sisk et al.			
2st	AG	4,970,874	11/1990	Solak et al.			
2st	AH	5,086,627	02/1992	Borgen			
2st	AI	5,531,267	07/1996	Ahmed et al.			
2st	AJ	5,826,442	10/1998	Lee			
2st	AK	6,029,411	02/2000	Richardson			
2st	AL	6,341,830	01/2002	Chun			
2st	AM	6,381,981	05/2002	Yaddgo et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
2st	AN	850555	10/1960	United Kingdom		
2st	AO	633899	01/1962	Canada		
2st	AP	1237148	03/1967	Germany		X
2st	AQ	435 339	05/1967	Switzerland		X
2st	AR	54-68557	06/1979	Japan		X
2st	AS	93/08434	04/1993	WIPO		

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

			TRANSLATION YES NO
	AQ		

EXAMINER 	DATE CONSIDERED 11-14-06
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(f)**

<b>LIST OF COPENDING APPLICATIONS</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1594.1272	10/644,937
	FIRST NAMED INVENTOR	
	Jae Seung LEE, et al.	
	FILING DATE	GROUP ART UNIT
	August 21, 2003	3744

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR § 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided, UNLESS DOMESTIC PRIORITY IS CLAIMED THEREON UNDER 35 U.S.C. § 120 AND/OR THE APPLICATION IS PUBLISHED. 37 CFR § 1.98(a)(2)(II),(III) AND 1.98(3)(d)(1).

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

**U.S. PATENT APPLICATION DOCUMENTS**

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
<i>zw</i>	1	10/687,673	October 20, 2003	Gi Joong Jeong, et al.	Samsung Electronics Co., Ltd.
<i>zw</i>	2	10/385,566	March 12, 2003	Jae-Seung Lee	Samsung Electronics Co., Ltd.
	3				
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	6				
	7				
	8				

EXAMINER <i>William C. Doal</i>	DATE CONSIDERED 11-14-06
<p><b>*EXAMINER:</b> Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

**ATTACHMENT 1(g)**

<b>LIST OF ADDITIONAL SUBMITTED DOCUMENTS</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1594.1272	10/644,937
	FIRST NAMED INVENTOR	
	Jae Seung LEE, et al.	
	FILING DATE	GROUP ART UNIT
	August 21, 2003	3744

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

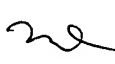
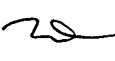
This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

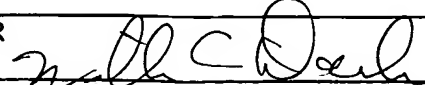
**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AC							
	AD							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						TRANSLATION YES NO	
	AE	Patent Abstracts of Japan for Japanese Application Publication No. 2000-65459, published 03/03/2000.					
	AF	European Search Report dated May 11, 2004 issued in European Application No. 03025146.6-2301-.					

EXAMINER 	DATE CONSIDERED 11-14-06
*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	